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AMENDMENTS TO THE SPECIFICATION

Please amend paragraphs 0031 and 0035 as marked-up.

Please add new paragraph 0035.5 (absent underlining) between paragraphs 0035 and 0036.

0031 Within the invention the deformable mirror structures 20a, 20b and 20c are typically formed as a series of support posts having laminated thereto a series of reflective mirror beams, as illustrated in Fig. 2. As is further illustrated in Fig. 2, each reflective mirror beam is supported at only one end by a corresponding support post. Typically, the support posts are formed to a thickness of from about 2 to about 3 microns and the reflective mirror beams are formed to a thickness of from about 0.5 to about 1.5 microns.

0035 Fig. 3 shows the results of laminating and mating the first substrate 10 as illustrated in Fig. 1 with the second substrate 16 as illustrated in Fig. 2 to provide a deformable mirror device spatial light modulator in accord with a first preferred embodiment of the invention. Within the deformable mirror device spatial light modulator, each of the first deflection electrodes 12a, 12b and 12c is registered with a corresponding second deflection electrode 18a, 18b or 18 (i.e., to provide singly registered pairs including a single first deflection electrode 12a, 12b or 12c and a corresponding single second deflection electrode 18a, 18b or 18c), but separated therefrom by a gap defined in thickness in part by the pair of spacers 14a and 14b. In addition, interposed between corresponding pairs of the first deflection electrodes 12a, 12b and 12c and the second deflection electrodes 18a, 18b and 18c is the corresponding deformable mirror portion of the deformable mirror structures 20a, 20b and 20c which are also registered with the series of first deflection electrodes 12a, 12b and 12c and the series of second deflection electrodes 18a, 18b and 18c. Within the context of the invention “registered” is

intended as meaning that the first deflection electrodes 12a, 12b and 12c and the second deflection electrodes 18a, 18b and 18c are positioned with respect to each other and the series of deformable mirror structures 20a, 20b and 20c such as to enable (upon proper charging) electrical field influence of the series of first deflection electrodes 12a, 12b and 12c and the series of second deflection electrodes 18a, 18b and 18c upon the reflective mirror portions of the series of reflective mirror structures 20a, 20b and 20c.

0035.5 As is also illustrated within Fig. 3 and following figures, the deformable mirror structures 20a, 20b and 20c are sized such as to be physically constrained between appropriate matched pairs of first deflection electrodes 12a, 12b and 12c and second deflection electrodes 18a, 18b and 18c. Given such geometric physical constraint, a corresponding pair of each of the series of first deflection electrodes 12a, 12b and 12c and the series of second deflection electrodes 18a, 18b and 18c may thus inherently serve as a pair of physical stops impeding travel of a corresponding deformable mirror structure 20a, 20b or 20c. As is further illustrated in Fig. 3, voltages may be impressed upon the series of second deflection electrodes 18a, 18b and 18c and the series of deformable mirror structures 20a, 20b and 20c (each attached to the transparent second substrate 16) such as to inherently impede an attraction of the series of deformable mirror structures 20a, 20b and 20c to a corresponding second deflection electrode 18a, 18b or 18c.